

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1 (original): A method for moving a pickup head module to an initial position for use in  
5 an optical disk drive without a touch sensor comprising the following step:  
    when power is provided to the optical disk drive, moving the pickup head module  
    toward a spindle motor according to a gradually decreasing speed curve;  
    wherein the position where the pickup head stops is the initial position.
- 10 2 (currently amended): The method of claim 1 wherein ~~the maximum distance a~~  
maximum distance the pickup head is able to move according to the speed curve is a full  
stroke.
- 3 (original): A method for moving a pickup head module to an initial position for use in  
15 an optical disk drive without a touch sensor comprising the following steps:  
    recording a present address of a disk corresponding to the pickup head module after  
    seeking and accessing the disk;  
    calculating a return distance according to the present address and an initial address  
    of the disk; and  
20 moving the pickup head module for the return distance in the direction from an  
outer ring to an inner ring of the disk according to a gradually decreasing speed curve.
- 4 (original): The method of claim 3 wherein the pickup head module moves for the return  
distance when the disk is removed.
- 25 5 (original): A method for moving a pickup head module to an initial position for use in  
an optical disk drive without a touch sensor comprising the following steps:

when power is provided to the optical disk drive, moving the pickup head module toward a spindle motor according to a gradually decreasing speed curve until the pickup head stops;

5 recording a present address of a disk corresponding to the pickup head module after seeking and accessing the disk;

calculating a return distance according to the present address and the initial address of the disk; and

moving the pickup head module for the return distance toward the spindle motor.

10 6 (currently amended): The method of claim 5 wherein ~~the maximum distance a~~  
maximum distance the pickup head is able to move according to the speed curve is a full stroke.

15 7 (original): The method of claim 5 wherein the pickup head module moves for the return distance when the disk is removed.